

Jean Siewe

**AWS Cloud Engineer**

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## PROFILE

*Dedicated and experienced cloud Engineer with extensive knowledge of engineering principles, theories, specifications, and standards. Bringing leadership, drive, and over 1+ year of experience. I have a proven track record of finishing complex projects ahead of schedule substantial experience in analyzing problems and offering mechanical devices that help to alleviate them.-*

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## SKILLS

- **AWS SERVICES:** *Ec2, EFS, VPC, RDS, S3, Glacier, IAM, Kinesis, Cloud Front, CloudWatch, Cloud Trail, Cloud Formation, DynamoDB, Lambda, Route53, SNS, SQS, APIGateway, Code Build, CODE COMMIT CODE PIPELINE Elastic cache, Code Deploy,*  
*Redshift, AUTOSCALING, WAF, SHEILD GUARD DUTY, CLOUD HSM, MS ADFS*
- **MIGRATION TOOLS:** *Data Sync, DMS, SCT, SMS, DR Strategies, Migration hub,AWS discovery SERVICE*
- **AWS ORGANIZATIONS USER MANAGEMENT:** *AWS Organizations, SSO with OKTA, Cognito, STS, CONTROL TOWER GUARD RAILS*
- **DATABASES:** *MySQL, Aurora, Dynamo Db, Redshift, ELASTIC CACHE, ATHEENA*
- **VIRTUALIZATION:** *Docker, ECS, EKS, VMware*
- **PLATFORMS:** *Windows, Linux, Unix, Ubuntu*
- **PROGRAMMING LANGUAGE:** *JSON, bash shell scripting*
- **DEVOPS TOOL:** *AWS Code Pipeline, cloud formation templates, Jenkins, Kubernetes, among many more.*

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## EXPERIENCE

- **WMATA** (Washington Metropolitan Area Transit Authority) **02/2021 to Present**

## **AWS Solutions Architect**

### **Responsibilities:**

- *Set up, configure, and deploy several AWS services for clients.*
- *Responsible for bucket creation, user account creation, access permissions, and privileges to users as well as policies and IAM policies.*
- *Implement and maintain the monitoring and alerting of production and corporate servers/storage using Cloud Watch, using AWS Cognito for registration and login.*
- *Daily analyzed logs and performed root cause analysis for various issues.*
- *Delegated and prioritized tasks and initiated timeframes for when all tasks had to be completed.*
- *Hands-on Experience on Databases including RDS, DynamoDB, Aurora*
- *Coordinated ongoing performance assurance for software applications and automated performance test scripts.*
- *Resolved customer issues by establishing workarounds and solutions to debug and create defect fixes.*
- *Manage network security using a Load balancer, Auto Scaling, Security groups, and NACLs.*
- *Design, configure and deploy AWS for applications utilizing the AWS stack (Including EC2, Route53, S3, RDS, Direct Connect Cloud Formation, Cloud Watch, SQS, IAM, focusing on high-availability, fault tolerance, auto-scaling, load-balancing capacity, monitoring, and alerting.*
- *Cost and performance monitoring of resources and applications using AWS CloudWatch, including creating alarms to monitor metrics such as *EBS, EC2, ELB, RDS, S3, and SNS*, and configured notifications for the alarms generated based on events defined.*
- *Created monitors, alarms, and notifications for EC2 hosts using Cloud Watch.*

- Configuration of continuous integration (CI) and continuous delivery (CD) using code pipeline and code deployment for automation.
- Leverage AWS cloud services such as EC2, auto-scaling, and VPC to build secure, highly scalable, and flexible systems that handled expected and unexpected load bursts.
- Setup and configured VPC Private Link (Endpoints), Direct Connect, Transit VPC, VPC Peering, Reverse Proxy Caching, CDN, IPsec, and VPN for secure data transfer, and secured connection  
to other AWS services and other AWS accounts.
- Used Network health monitoring tools (Cloud Watch, Logic Monitor)
- Created and configured Redshift clusters.
- Configured EMR Cluster, and used Hive script to process the data stored in S3.
- Created Data-pipelines and configured EMR Cluster to offload the data to Redshift.
- Set up cron to notify the administrator when SQS Queue size reaches a certain limit.
- Build Amazon EC2 instances and assigned required firewalls using security group (SG) and Network Access Control List (NACL) rules.
- Focused on continuous integration and deployment, promoting enterprise Solutions to target environments.
- Designed roles and groups using AWS Identity and Access Management (IAM)

### **Technical Skills in Linux and CentOS, Ubuntu**

- Installation and configuration of **Red Hat Enterprise Linux, Ubuntu and Centos.**
- Having good working experience in **managing file systems and partitions, logical volume management (LVM), user & group administration, network configuration, troubleshooting. configuring and working with ftp, nfs, samba, DNS, Web, DHCP,mail servers.**

Managing SELinux, booting procedure & kernel parameters, Job automation (Cron Job), administrating remote system, enhanced use security with Sudo, software management, backup & restore (tar and gzip), manage installed services and managing processes.

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### CERTIFICATIONS

**AWS Cloud Certified practitioner (CCP)**

**AWS Certified Solution Architect Associate (SAA)**

**AWS Certified Sysops Associate (SOA)**

**CompTIA Linux+ /LPIC**

**Oracle Solaris Certified Associate**

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### EDUCATION

**2010- 2012** ITT Technical Institute

Associate of Applied Science Degree in Computer and Electronics Engineering Technology.

**2012-2014** ITT Technical Institute.

Bachelor in Electrical Engineering and Computer Technology.

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### Languages Speaking

English

French